

ABSTRACT

A process for conveniently and industrially producing
an optically active α -methylcysteine derivative, which is
5 useful as an intermediate of medicines and the like, from an
inexpensive and readily available material is provided.

The present invention relates to a process for
producing a racemic or optically active α -methylcysteine
derivative including a step of hydrolyzing a racemic or
10 optically active N-carbamyl- α -methylcysteine derivative by
treating with decarbamylase, and a process for producing an
optically active α -methylcysteine derivative and an optically
active N-carbamyl- α -methylcysteine derivative having a
configuration opposite to that of the compound including a
15 step of stereoselectively hydrolyzing a racemic N-
carbamyl- α -methylcysteine derivative by treating with
decarbamylase.

One
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